



THE RARA RAG

Newsletter of The Rochester Amateur Radio Association, Inc.

Founded in 1931

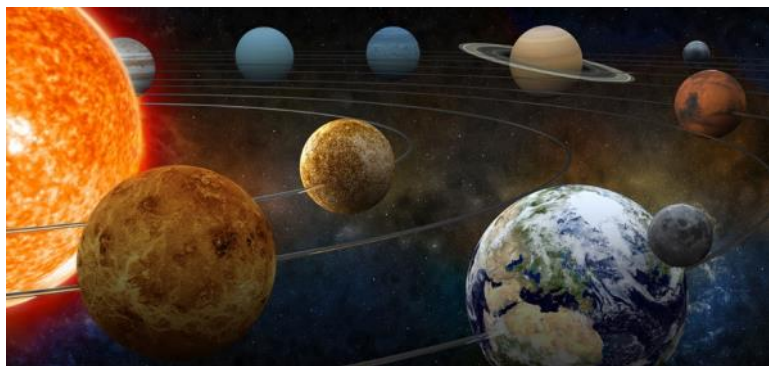
SEPTEMBER MEETING: NASA'S AMAZING VOYAGER MISSIONS

TIM BARRETT, K9VB, RARA VICE PRESIDENT

As you will be reading elsewhere in this Rag, our next meeting is the RARA Annual Business Meeting so please attend if you can, we need a quorum to vote in our officers and the new board. We promise to get that part of the meeting over as quickly as we can, since we have a great presentation lined up.

For the past 48 years, NASA has been exploring the outer solar system with the amazing Voyager spacecraft, visiting every outer planet and well beyond. Beginning in 1977, it has been a voyage of remarkable scientific discoveries and fascinating human drama, managing the longest running space mission in history. Join NASA Ambassador Jim Porter to discover the rich heritage of NASA planetary exploration and the continuing drama of the Voyager missions.

Jim has worked as an aerospace engineer at several NASA locations, most recently the Jet Propulsion Laboratory in Pasadena, CA. His popular presentations are engaging and easy to listen to for all levels and we have enjoyed hearing him speak at RARA several times in the past. Jim lives in Rush NY and is also an active radio ham with call K2NAX.



Please join us on September 3rd 2025, 7:00PM at the Boy Scouts Headquarters at 2320 Brighton Henrietta Townline Road, Rochester, New York 14623 or online by registering at

https://us06web.zoom.us/webinar/register/WN_IFAbPw42T7Wuuk4z4gzpHQ

SEPTEMBER 2025
VOLUME 78, ISSUE 1

INSIDE THIS ISSUE

MONTHLY PROGRAM	1
RARA BANQUET	2
BOARDZ BUZZ	3
CALENDAR OF EVENTS	3
MEMBERSHIP NEWS	4
AUGUST MEETING REVIEW	4
PUBLIC SERVICE REPORT	5
PUBLIC SERVICE SUCCESS	6
MAMMOTH MARCH	7
EDUCATION	8
ELMERS' CORNER	9
MORSE CODE TRAINING	9
VE TESTING	9
RAFFLE PRIZES	10
RARA BANQUET	11
2024 BUSINESS MTG MINUTES	11
FINANCIAL REVIEW	12
NOMINATING COMMITTEE LETTER	14
BIOGRAPHIES	14
TOUR DE CURE AWARD	18
SQUEEZE KEYING	19
RAGS OF THE PAST	20
CALENDAR	22
HAMFEST SPONSORS	23
NEWS FROM AREA CLUBS	24
AMATEUR'S CODE	26
RARA OFFICERS	27
AREA CLUB CONTACTS	28



MADE IN THE USA

K2JD

N2EH

W2EOC



2025 RARA Banquet

When:

Thursday,
September 18, 2025
6:00 pm

Our presenter will be
Daniel Schneiderman
from Rochester Museum &
Science Center

Buy Your Tickets!

Don't forget to buy your tickets!

Cost: \$60 per person or 120

Membership points

Make reservations no later than
September 11, 2025

2025 Banquet Sign Up



ON THE AVENUE

3400 Monroe Avenue,
Rochester, NY 14618



BOARDZ BUZZ

BRIAN O'CONNOR, KA2CGB

A Very Busy Year

RARA has been very busy in 2024-2025. Here's a recap of the many activities and events available to RARA members throughout the year.

Social Activities

- Annual Banquet
- Winterfest
- Summer Picnic
- Membership Meetings (in-person & on-line) *
- Annual Auction
- Old Timer's Night

Education Activities

- License Classes (Technician, General, Extra) *
- License Testing *
- RARA Academy
 - Elmers' Corner Q&A web meetings *
- Learn by Doing classes
 - Introduction to fldigi & WinLink
 - Build an EFHW Antenna
- Operating Event for New-ish Hams
- Parks On The Air (POTA) operating event

Public Service Events

- Tour de Cure for Diabetes
- ROC the Ride for MS
- Wilmot Warrior Weekend
- Mammoth March
- Fairport Liftbridge Regatta
- Pumpkin Patrol

Public Outreach Activities

- Maker Faire
- International Lightship/Lighthouse Weekend (ILLW)

The RARA Hamfest returned and was very successful.

Scouting Outreach

- Klondike Derby
- Radio Merit Badge
- Jamboree on the Air (JOTA) / Challenge Trophy Camporee
- HF and VHF antenna installation at Camp Cutler

* = recurring monthly (September to May)

Members Make It Happen !

RARA activities succeed because members volunteer time, knowledge and experience with others. During FY2025, RARA members contributed about two thousand (2,000) hours to deliver these activities.

In addition, many more hours are contributed on an ongoing basis by officers, directors, administrators and coordinators.

We want to hear *your* ideas for topics for monthly meetings and for Academy classes. Perhaps you have a special interest with knowledge to share?

Think about how you might help RARA continue to support the Amateur Radio community throughout the Finger Lakes region.

Please be sure to attend the Annual RARA Business Meeting on Wednesday, September 3, either in person or online.

CALENDAR OF EVENTS

WEDNESDAY SEPTEMBER 3, 2025 - RARA Meeting 7:00PM In Person at Boy Scouts Headquarters, 2320 Brighton Henrietta Townline Rd, Rochester, NY 14623 and On-Line at this link <https://us06web.zoom.us/join/9876543210>

THURSDAY September 4, 2025 - RARA Board of Directors Meeting 6:30 PM - ONLINE
Email request for link to secretary@rochesterham.org

THURSDAY September 18, 2025 - The annual RARA Banquet at Pane Vino, 3400 Monroe Ave, 6:00PM

WEDNESDAY November 5, 2025 - RARA Members Only Auction
Renew your membership NOW for admittance

MEMBERSHIP NEWS

TIM BARRETT, K9VB, RARA VICE PRESIDENT AND MEMBERSHIP SECRETARY

Membership is now at 513, slightly more than we achieved last year so that is good news.

In my Boardz Buzz article last month I outlined the proposed new membership dues which will come into effect (if approved) after a vote at our September meeting, so please read that article carefully as your vote will count!

There was also a short discussion at our August meeting on the increased dues plan. The proposed new rates are as follows: Full members \$30, Associate and Senior members \$20, family members \$10. Student members under age 22 will continue to be free. We also propose to increase Life Membership to \$600 and Senior Life to \$400.

If you haven't renewed yet or wish to join, now is a good time as all renewals or new memberships go through to September 30th, 2026, and if you do so before the general meeting dues are still at the old rate.

If you are not sure of your membership status please take a moment to go to the [renewal page](#) on our website to check that your membership is up to date, and if necessary you can renew from there. Renewing early for the 2026 season helps reduce our admin work as well.

When an associate member gets their license we upgrade them to full member at no extra cost, but the FCC does not inform us automatically. We often spot an upgrade but not always so if you are recently licensed, please check that we have your call.

I'd like to give a warm welcome to new members:
Michael Morgan
Greg Seager

Remember to look for new members at RARA events and make sure to introduce yourself and welcome them to the club!

Tim Barrett, K9VB membership@rochesterham.org

AUGUST MEETING REVIEW: CHASING (WALL)PAPER

TIM BARRETT, K9VB, RARA VICE PRESIDENT

After a break for the summer we were back at our usual time and place for the August meeting. Typically a quiet time as many are on vacation, but we nevertheless had a good turnout for the presentation. This was from member John Viggiano NV2K, otherwise known as Envi Tukay. The topic was getting amateur

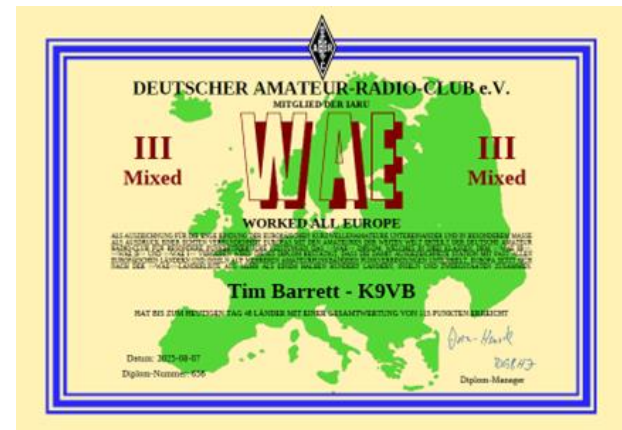
radio awards with a clever twist to get round some of the challenges that LotW presents.

John needed a guinea pig to pick on (sorry I mean volunteer!) and somehow that was me. Actually I enjoyed it and also got something for my troubles. In the presentation I logged on to LotW and made a dump of all my confirmed contacts, i.e. QSLs. Then I was taken through the process of logging onto [DARC Community Logbook](#) provided by [DARC](#), the German equivalent of the ARRL and uploading my QSLs and allowing the app to verify them. I then applied for Worked all Continents (WAC) and saw that I had qualified for the award, which I now have.

When I got home I did a bit more research and found I qualified for their Worked All Europe (WAE) which I have now received. They also offer many other awards, several based around German regions of course. I discovered that I am one point short of getting the Worked all European Union awards, very frustrating because I have many QSLs with the UK, thanks to Brexit these no longer count towards the award!



If you have been an active radio amateur for a while and maybe got DXCC it is worth looking to see which awards you can get from DARC. The WAC award is surprisingly easy and is free via DARC. There is a fee if you get it from the ARRL but it is the same award. There are also awards offered by other national radio societies, eg Canada, Italy, UK and so on. Many of them are starting to accept LotW confirmations so you don't need to have the physical QSL cards to verify. Take a look. Thanks, John, for an enjoyable and profitable evening!



PUBLIC SERVICE REPORT

MIKE MOORE, KC2NM, PUBLIC SERVICE COORDINATOR

August was a busy month for amateur radio operators involved in the RARA public service program. RARA fielded two events in August, both on the same day, August 14, 2025. The Bike MS Great Lakes Adventure and The Mammoth March are described in separate articles in this September Rag. September promises to be equally busy with two events: The Fairport Liftbridge Regatta and The Wilmot Cancer Center Warrior Weekend. Visit https://rochesterham.org/public_service.htm for the sign-up forms for these events.

The Fairport Lift Bridge Regatta is scheduled for Saturday, September 20, 2025, at the Fairport Crew Club Boathouse, located on the Erie Canal near the bridge on Route 31F (Fairport Road). Racing will begin at 8 a.m. and end at about 3 p.m.



Most of the participants in the regatta are high school-aged youth, and there will be a strong family presence at the regatta. Most of the communications will employ hand-held radios using a coordinated group of Amateur Radio, GMRS, Marine, FRS, and commercial radios. Our role will be to provide command center communications for safety and status communications along the regatta route, large vessel tracking, and safety boat communications.

Watch for a package from Mark, KC2UES, with details concerning frequencies. Ham volunteers will be meeting at 6:30 a.m. Saturday at the Fairport Crew Club boathouse. If you have any questions, contact the Lift Bridge Regatta Captain Mark Pedersen, KC2UES, at mpeder21@gmail.com or (585) 469-1084.

The Wilmot Breakaway Ride, benefiting the Wilmot Cancer Center, is in its third year. This year's event will be held on Sunday, Sept. 28, based again at the Xerox Campus in Webster. The ride will be made up of four ride courses with lengths of 12.5, 25, 50, and 75 miles.

RARA will provide a communications command center, sweep and sag vehicles, and rest stop communications with a directed communications net functioning

as we do for Tour de Cure and MS Rides. Mike Vasile, K2MTV will serve as event captain to direct this effort. Because of the distances involved, a mobile radio and antenna will be needed for the Wilmot Breakaway Ride. The route will extend east from the Xerox Campus into Monroe and Wayne counties. For a look at the routes see https://teamraiser.rochester.edu/site/TR?pg=informational&fr_id=1510&type=fr_informational&sid=1162.

Our Pumpkin Patrol event captain, Ed Wilkonski K1EM is preparing for this year's event. If you have questions about Pumpkin Patrol, contact Ed Wilkonski edwilkonski@gmail.com. Please note the new email address for Ed.

Remaining events in the 2025 public service calendar are listed in the following table. Visit https://rochesterham.org/public_service.htm for more information and to volunteer for these events.

Upcoming Events:

2025 RARA Public Service Events September

Event	Location	Day	Date
Fairport Liftbridge Regatta	Perinton Park	Saturday	Sep. 20, 2025
Wilmot Warrior Weekend	Xerox Webster	Sunday	Sep. 28, 2025
JOTA and/or CTC	Camp Cutler Naples	Saturday	Oct. 18, 2025
Pumpkin Patrol	Overpasses of the New York State Thruway	Thursday - Friday	Oct. 30, 31, 2025
Maker Faire	Gordon Field House RIT	Saturday	Nov. 15, 2025

A RESOUNDING PUBLIC SERVICE SUCCESS: NATIONAL MS SOCIETY RIDE RAISES OVER \$105,000

MIKE MOORE, KC2NM, PUBLIC SERVICE COORDINATOR

The recent National MS Society ROC the Ride Great Lakes Adventure was held at Lakeside Beach State Park in Waterville, NY, on Saturday, August 9. It was a phenomenal success, not only for the incredible number of participants but also for the powerful fundraising total. With the support of dedicated riders and volunteers, this year's event raised a staggering **\$105,000**, surpassing its goal and making it the highest-attended ride since before the pandemic.

At the heart of this achievement was the tireless work of our communications team. With most of our hams arriving as early as 7:00 AM, we were ready to manage the command center, ensuring a smooth and safe experience for all **151 cyclists**. Operating via Amateur Radio, our team provided crucial support to SAG and sweep drivers, and rest stop communicators along the 15, 30, and 62.5-mile routes. Our command center fielded requests from event riders directly using our cloud-based VOIP telephone system.



The feedback from cyclists was overwhelmingly positive, with many sharing how our on-route and Net Control support made them feel safe and encouraged throughout the ride. Our quick response to minor issues like flat tires and lost riders ensured that every participant who wanted to finish was able to do so. The event wrapped up smoothly, with all operations completed by 4:00 PM.

This success was a true community effort, and we extend our deepest gratitude to everyone who contributed. A special thank you goes out to the many community volunteers, as well as the sheriffs, NYS Troopers, and fire departments who served as route marshals and at rest stops. Your support was invaluable and made a real difference. We hope to continue this partnership for many years to come!

A Special Shout-Out to the RARA Team:

- Mike K2MTV
- Aidan K5DOC
- Galen K9FGT
- Mike KC2NM
- Bill KD2DNO
- Scott KD2KOS
- Stu KD2TWM
- Alex KD2UJC
- Ronald N5BNO
- Freddie WB2GFZ
- Mike WG1G



Due to the large area that we needed to cover, we planned to use 3 repeaters for the amateur communications. Our thanks go to the Orleans County Amateur Radio Club, Chuck NR2C, Lockport Amateur Radio Association for the use of their repeaters.

HAMS PROVIDE VITAL COMMUNICATIONS FOR LETCHWORTH MAMMOTH MARCH

JON DICKASON, N2JAC

Local Operators Ensure Health and Safety for Over 1,000 Hikers

Saturday, August 9th, was a day of sun, spectacular scenery, and stamina as over 1,000 hikers from across the country converged on Letchworth State Park for the annual Mammoth March. The challenge: hike 20 miles through the "Grand Canyon of the East" in just eight hours. As temperatures climbed into the upper 80s, a team of dedicated ham radio operators from RARA, **ARES**, and **SIARC** stepped up to provide critical safety communications for the event.

With cell coverage notoriously spotty in the rugged terrain of Letchworth, reliable communication was a top priority for event organizers. Hams set up 2-meter simplex stations at several aid stations along the route, creating a robust communications network that proved vital for the health and safety of participants.



Throughout the day, operators relayed messages to EMS teams on both sides of the gorge for several minor incidents. They also coordinated "sag wagons" to pick up dozens of tired hikers who were unable to finish the challenging route. The team even had an **APRS** tracker in the lead van, which provided perfect real-time location updates. While they also experimented with 6-meter voice communication, their primary 2-meter simplex network, enhanced by a couple of cross-band repeaters, worked flawlessly, allowing handhelds to reach the net from almost any location.

This year, the park implemented additional safety measures, including tran-

sponders on bib numbers and an increased number of EMS teams, making the seamless communication provided by the ham radio volunteers more important than ever.



It was a long but rewarding day for all involved. A huge thank you goes out to the team of volunteers who made it possible: KD2WWY, KC2LOC, KB2NCI, W2SUZ, KD2UBJ, AD2DB, KC2BTW, KD2DO, WB2VMR, KD2PTJ, KC2KNJ, and N2JAC.

Check out the photos from the event at:

<https://photos.app.goo.gl/6dimKv1RMXgkDW8H9>





EDUCATION

AARON ROMBAUT, KE2DYI, Education Coordinator

RARA LICENSE COURSES

KARL HEINZ KREMER, K5KHK

Summer is over, and our license classes are starting up again. We can again offer classes for all three license levels. We start the second week of September.

Our classes are on Zoom, so no need to leave the house. All you need is a computer or a smartphone.

The Technician class will start on Tuesday September 9th at 6:00pm and will run for ten weeks, the General class will start on Thursday September 11th at 6:30pm and will also run for ten weeks. We are still finalizing the plans for the Amateur Extra license class.

If you are interested in upgrading, or know of anybody who would like to get their initial ham radio license, please get in touch with us.

License Manuals

All current editions of the license manuals are available to our members at a discount for \$25. At this discount, we unfortunately cannot deliver, and you would have to pick up the manual. If you are interested, please send an email to education@rochesterham.org

RARA ACADEMY

AARON ROMBAUT, KE2DYI

FIND YOUR NEXT CHALLENGE IN AMATEUR RADIO

One of the goals of the RARA Academy is to support that spark—to help you take the next step, no matter where you are in your Amateur Radio journey. Right now, there are no scheduled Academy sessions, but that's where *you* come in.

Send your ideas for future sessions to education@rochesterham.org. Whether you're just starting out or looking to deepen your skills, chances are others would benefit from the same topic.

Not sure where to begin? Here are a few possibilities to get you thinking:

- ChatGPT, Microsoft Copilot, other AI-powered assistants with a focus on amateur radio
- Programming radios
- Digital modes (FT8, Packet, PSK31, RTTY)
- Setting up your computer for digital modes
- Logging software tips and tricks
- APRS basics and applications
- Fox hunting (radio direction finding)
- Connecting radio audio to your computer
- Learning Morse code (CW) from scratch
- QRP operating (low-power CW and SSB)
- Building and testing simple antennas

Every question is a good one, and every idea is worth considering. So—what can RARA do for you?

RARA ELMERS' CORNER

Suzanne Bishopp, W2SUZ
Rich Bishopp, KD2UBJ
Elmers' Corner Coordinators

It's time again to start up our monthly chats with the Elmers' Corner on September 6th at 10 am on Zoom!



Join us for a talk on ham radio and answer all of those burning questions you have been holding onto all summer long. The Zoom link is below, however, if you would like to get on my reminder email list, send me a quick note at elmerscorner@rochesterham.org. I don't send a lot of emails, just one a month reminding you about the zoom meeting, and I always provide the link so you have it in one place.

If you are a new ham, or just getting back into the hobby, we are here to help. We've even helped experienced hams with questions they have had on a new aspect of the hobby. ALL questions on radio are welcome.

If you have a lot of questions, or maybe the question may require some background information, you can email your questions to us ahead of the meeting so that we can prepare - elmerscorner@rochesterham.org.

As a member of RARA, you can have a link to any of our Elmers' Corner videos, just send me an email at elmerscorner@rochesterham.org and I will get that link to you.

See you soon! 73

Join Zoom Meeting

[https://us02web.zoom.us/j/83484674667?](https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09)

[pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09](https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09)

Meeting ID: 834 8467 4667

Passcode: 786545

One tap mobile

+16465588656,,83484674667#,,,,*786545# US (New York)

+1312626799,,83484674667#,,,,*786545# US (Chicago)

Dial by your location

+1 646 558 8656 US (New York)

+1 312 626 6799 US (Chicago)

+1 301 715 8592 US (Washington DC)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

Find your local number: <https://us02web.zoom.us/j/kiOoVkCMY>

MORSE CODE TRAINING

DAVE WILSON, WA2HOY, RXCWG COORDINATOR

The RXCW Group assists Hams wanting to learn Morse Code or to develop their CW skills.

W1AW On The Air CW Practice

Time	Mon	Tue	Wed	Thu	Fri	
9 AM		Fast	Slow	Fast	Slow	SLOW - 5, 7 1/2, 10, 13 and 15 wpm
4 PM	Fast	Slow	Fast	Slow	Fast	FAST - 35, 30, 25, 20, 15, 13 and 10 wpm
7 PM	Slow	Fast	Slow	Fast	Slow	FREQ(MHz) - 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 50.350, 147.555
10 PM	Fast	Slow	Fast	Slow	Fast	

MORSE PRACTICE FOR ALL LEVELS ON ZOOM

Tim Brown, WB2PAY, hosts code practice for all levels on Monday evenings at 7:00pm. No classes for the summer. Resumes September 8th.

Register at: tjbrown@rochester.rr.com

Those wanting to start into CW QSOs and Morse Code can schedule coaching sessions on Zoom. Contact Peter Fournia, W2SKY for further details.

W1AW - <http://www.arrl.org/w1aw-operating-schedule>

VE TESTING

DON KISER, AC2EV

Due to print deadlines this year's testing location has not been booked. The RIT reservation system is not open until school is in session. We will communicate when we have more details. -The RARA affiliated VE team .



Reprinted Courtesy September 1950 QST

CW ELMERS

Name	Call	Area	Email
Ned Asam	W2NED	Pittsford	w2ned@frontiernet.net
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Reiner Dieg	N2PEZ	Elmira	n2pez@arrl.net
Pete Fournia	W2SKY	Penfield	pfournia@gmail.com
Bill Hopkins	AA2YV	Brighton	whopkin4@naz.edu
Bob Karz	K2OID	Webster	rkarz@alum.mit.edu
Joe Rowe	AG2Y	Webster	ag2y66@gmail.com
Harry Williams	KF2TV	Kingsland, GA	harryw7872@gmail.com

August Raffle Prize Winners



SEPTEMBER RAFFLE PRIZES

- RSGB Communications Hand-book
- ARRL Antenna Book
- Radioddity GA-510
- ARRL \$50 Gift Certificate

COMING IN OCTOBER

- Elecraft Dummy Load

RADIO ELMERS

Name	Call	Area	Email
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Dave Carlson	N2OA	Batavia	kdcarlso@gmail.com
Lawrence Hill	N2AJX	Henrietta	lawrence.hill@rit.edu
Rich Hoffarth	K2AXP		rhoffarth2000@yahoo.com
Bill Kasperkoski	WB2SXY	Pittsford	wb2sxy@gmail.com
Don Kiser	AC2EV	N Greece	dkiser100@gmail.com
Karl Heinz Kremer	K5KHK	Chili	k5khk@khk.net
Tim Magee	WB2KAO	Greece	585-704-5747
Mike Moore	KC2NM		mikemoore14534@gmail.com
Peter Schuch	WB2UAQ	Perinton	pschuch@rochester.rr.com
Forest Shick	WA2MZG	Webster	fshick3@gmail.com
Dave Timmons	W2DST	N Greece	dstimmons@gmail.com
Steve Verzulli	KA1CNF		verzulli@yahoo.com
Dan Waterstraat	W2DEW	Henrietta	higreen@rochester.rr.com

RArA 2025 BANQUET! **NIGHT SKIES OVER ROCHESTER!**

SUSAN AIELLO
RARA BANQUET COMMITTEE

Members and friends are invited to celebrate and reflect on another terrific year for RARA and honor outstanding club volunteers!

This year, the banquet will be held on Thursday, September 18th at 6:00pm at Rochester's Premier Italian Restaurant, Pane Vino on the Ave; 3400 Monroe Avenue, Pittsford.

Building on the success of the 2024 banquet, the committee is planning a memento for each attendee, and a raffle with prizes appealing to both hams and non-hams. The food at Pane Vino is fantastic, and we have reserved a spacious, comfortable private dining room.

Last year's honorees were Ed Wilkonski, K1EM who was recognized as Public Service Member of the Year for leading the Pumpkin Patrol Program, Brad Robinson, KE2CZU received recognition as the RARA New Ham of the Year, a first-time award for RARA, and finally, Don Kiser, AC2EV, was presented with the RARA Club Service Award for his continued efforts managing the RARA VE team.

Come and see who is honored this year!

SHARING NIGHT SKIES OVER ROCHESTER: We are excited to welcome our guest presenter this year, Daniel Schneiderman, Rochester Museum and Science Center Community Engagement Manager. Dan is a friend of RARA, working closely with our outreach activities at the Maker Fair and others. You don't want to miss Dan's presentation: From Lewis Swift and the Warner Observatory to cutting-edge optics in space telescopes and on Mars, Rochester has had a long history with space. We'll be taking a brief journey of Rochester's history of looking up at the night sky and how we've shared our curiosity and wonder with the public.

The cost to attend the banquet will be \$60 for members and guests or 120 membership points, or a combination can also be arranged.

Follow this link to purchase tickets on our website:
[**2025 Rara Banquet Sign up.**](#)

Book early, as we have limited space. This is going to be the RARA Event of the Year!

2024 ANNUAL BUSINESS MEETING **MINUTES**

Minutes of the
Rochester Amateur Radio Association, Inc.
Annual Business Meeting
4 September 2024

RaRa President Scott Theis (W2LW) called the meeting to order at 7:17 PM.

RaRa Vice President Tim Barrett (K9VB) reported that the Club has 427 full (voting) members; the required quorum is 43.

46 full members are attending in person, and 28 full members are attending online, for a total of 74. The quorum is met.

Scott asked the assembled membership for agreement to proceed under unanimous consent. No objections were raised.

The Minutes of the September 2023 meeting (which were published online and in the current edition of the RaRa *RAG*, were presented for review. A request to dispense oral reading of the minutes was received with no objection. A request for any objections to approve the minutes was given.

With no objection from the gathered membership, the Minutes as published were approved by unanimous consent.

The Nominating Committee Report (which was published in the current edition of the RaRa *RAG*) was presented for review.

With no objection from the gathered membership, the slate of nominees for Officers and Directors was adopted by unanimous consent.

Scott advised the gathered membership that the outgoing Board recommended no change to the current membership dues structure and asked for any questions or objections from the floor. With no objections, the current dues structure was adopted by unanimous consent.

RaRa Treasurer Brian O'Connor (KA2CGB), presented the Profit and Loss (P&L) statement and the Balance Sheet for the fiscal year ending 31 August 2024. Brian responded to some questions from the floor from Peter Fournia (W2SKY) about the status of the RARA Scholarship. Brian explained that the RARA Educational Grant has replaced the Scholarship program.

RaRa President, Scott Theis (W2LW), asked for a motion to adjourn. Jeff, WA2RRB, raised the motion, and Scott asked if there was any objection to closing the meeting. No objection was received. The meeting was adjourned at 7:46 PM by unanimous consent.

Recorded by the Secretary, Mike Moore, KC2NM

FINANCE REVIEW

BRIAN O'CONNOR, RARA TREASURER

A Strong Program

For many years, RARA has provided a diverse set of activities which offers a menu of opportunities to engage our area's Ham Radio community.

Starting with comprehensive license courses and monthly no-fee license exams. RARA Academy workshops cover individual topics, while operating events let you get-on-the-air in local parks. Education is our primary mission.

Our monthly meetings aim to provide both social time and an informative presentation on a technical topic. Indeed, getting together with other Hams at our Annual Banquet, Winterfest and Summer Picnic highlight our social calendar.

In recent years we have added popular events to our calendar but now find that we are running a deficit. My objective here is to illustrate our current income and expenses in order to let you know where our costs exceed available funds, with the intent that our members will be better informed when considering if our dues should be increased.

Core Income Sources and Expenses

First are the brutal details: Even with a consistent (though variable) income stream our program is running an annual deficit.

	FY end 8/31	2025	2024	2023	2022
Core Income					
Dues		5430	4286	4579	6178
Donations		1536	285	455	140
Interest		1272	1371	8	16
Auction		1892	1076	415	1771
subtotal		10130	7018	5457	8105
Overall Gain (Loss)		-3541	-2448	-4154	-2620

Notice the interest income earned in recent years, thanks to some reasonable CD rates at our bank. As stewards of the club's funds, the Board will be reviewing its investment plan in search of better long-term return on investment.

For those years when we hold the RARA Hamfest, we can offset some of the losses with Hamfest income.

	FY end 8/31	2025	2024	2023	2022
Overall Gain (Loss)		-3541	-2448	-4154	-2620
Hamfest					
Income		8947		6432	4912
Expenses		-5886		-5702	-3804
subtotal		3061		730	1108
Adjusted Loss		-480	-2448	-3424	-1512

But even a successful Hamfest cannot swing the balance positive.

Our objective is to break even with our year-around program, so that Hamfest earnings can support additional opportunities for RARA members.

Drilling Down on Cost Centers

This is a good time to review our core recurring costs. These fixed costs support the organization.

	Core Recurring Costs				
	FY end 8/31	2025	2024	2023	2022
Operations		2001	1846	1671	1600
Storage Unit		1296	1196	1296	1404
Insurance		659	653	645	634
P.O. Box		182	176	166	166
subtotal		4138	3871	3778	3804

"Operations" is our infrastructure, mostly internet services such as video conferencing, email service and web hosting, along with snail mail. Note that Operations has increased 25% over 3 years, while others around 4%.

Our event costs involve two items: food or refreshments and venue rent. Those are included in the following expenses.

Our monthly meetings generate income from donations for refreshments and prize tickets. (The prizes break even while the refreshments don't.)

		Annualized Net Costs			
	FY	2025	2024	2023	2022
Monthly Meetings					
	Expenses	2672	2602	2663	1990
	Income	869	1276	1052	538
	Net Cost	1803	1326	1611	1452
Social events net cost		3294	1582	663	410
Academy events net cost		530	393	379	110
Public Service net cost		59	116	149	253
subtotal		5686	3417	2802	2225

Social events include the summer Picnic, annual Banquet and Winterfest. Banquet expenses, like all dining, are noticeably higher. We want the Banquet to be a great experience at a reasonable price.

Academy events involve no-cost venues for workshops, while operating events are held at area parks. Public service events reflect basic refreshments for volunteers with no venue expense.

In order to get our preferred park sites, we make reservations up to two years ahead.

Note that your Board has made minor investments in both durable club equipment and in our community.

I hope everyone is familiar with the RARA HF Radio Kit. Featuring a Yaesu FT-710, bandpass filters, antennas and power supplies, the kit sees a good bit of use.

The Public Address and AV system supports our monthly meetings with in-house audio as well as online participants.

	Durable (Capital) Investments and Grants			
FY end 8/31	2025	2024	2023	2022
AV and PA System		181	360	1778
Club HF Radio Kit		598	1389	
other (VE, etc)	70	301	256	
Grants	1500			

The recent grant provided HF and V/UHF antennas that are permanently installed at Camp Cutler. This summer the Scouts have been on the air with good signal reports.

What's Next ?

Our current program is running a deficit. We have three ways to reduce or close the deficit.:

- 1 Continue deficit spending for a few more years
- 2 Scale back to reduce the deficit
- 3 Adjust membership dues

Your Board has carefully studied our present circumstances and recommends that the membership vote to increase annual membership dues.

Please feel free to contact myself or a Board member with any questions and your suggestions.

73 de KA2CGB

Editors Note:

Rest assured that the board is also looking at our ongoing costs and will implement cost saving measures where they do not impact our ability to implement our mission.



**Proper Attire for the
ROC City Net Hamfest
RARA Colors!**

NOMINATING COMMITTEE LETTER

August 23, 2025

To: Mike Moore, KC2NM
Secretary, Rochester Amateur Radio Association
P.O. Box 93333 Rochester, NY 14692

To the Secretary and Membership of RARA:

We, the undersigned, as members of the 2025 RARA Nominating Committee, are pleased to place the following names in nomination for Officers and Directors of the Corporation for the fiscal year commencing 1 September 2025.

President:	Rich Bishopp, KD2UBJ
Vice President:	Jeff Fuller, KE2ELI
Secretary:	Mike Moore, KC2NM
Treasurer:	George Adams, K4GWA
Directors:	Tim Guyot, KB1POP
	Tim Barrett, K9VB
	Brian O'Connor, KA2CGB
	Don Wegeng, KD2WWY
	Chris Reich, WB2DYJ
	Dave Wilson, WA2HOY

This concludes the work of the 2025 Nominating Committee.

With best regards,

RARA 2025 Nominating Committee
Tom Wood, KD2IOB
Mike Sanchez, KM2B
Frank Schramm, WB2PYD

BIOGRAPHIES OF CANDIDATES FOR OFFICERS AND BOARD OF DIRECTORS OF THE ROCHESTER AMATEUR RADIO ASSOCIATION

RICH BISHOPP, KD2UBJ **CANDIDATE FOR PRESIDENT**



I hope everyone has been having a great summer. I certainly have.

Well here we go again with the club's elections. I am so grateful to all of you for putting your trust in me as president for the past year. I have been asked by several people to run again and take on the responsibility of president for one more year.

The slate of candidates this year is full of outstanding members who are very capable and willing to help keep RARA the top notch club that everyone knows it is. We do have a vacancy for Vice President and one for Director. Two new faces will be added to the Board of Directors.

I believe Vice President is probably the most important role in the club and currently this spot remains vacant on the list of candidates. The lack of a VP will put an enormous burden on the Board of Directors and Officers to make sure these duties are accomplished. Anyone with a desire to help the club with meeting programs and event organization can be Vice President.

I am happy and proud to be asked and trusted with the role of President for another year. I am relieved that many of the board members are returning to the board. I am also excited to have two new board members joining us. All this helps my decision to run again much easier.

I'm sure many of you remember my biography from last year. I wrote about volunteering for many leadership roles in scouting and in emergency services which was my career for 33 years.

Well I finally retired. June 27th was my last 24hr shift as a career firefighter. I'm chipping away at a few things around the house that need completing but generally I'm just getting used to not having to drive into work. I find not driving into work the best part. My radio time has not increased yet but it will and my time on the repeaters has dropped some since I used the repeaters mostly while commuting. I am fortunate that the honey-do list has not grown much. Well there is not much more to say I guess. Please, everyone who can,

come to the September Annual meeting. All of the director and officer candidates are counting on your support.

JEFF FULLER, KE2ELI
CANDIDATE FOR VICE PRESIDENT

Spoke to Tim some more about the board positions and decided to throw my hat in the ring for VP.

I've done the job before for the Rochester Aeromodeling Society, a 150 strong RC plane club. The RC air hobby is similar to amateur radio. The membership is mostly 50+, aging out and always having trouble attracting the next generation of model aviators. I served a program director for a year, then vice president for 2, then president for 4. I ran their yearly fun fly event that attracted up to 10k people around the county and raised almost \$15k for the Macedon ambulance. I fell out of the hobby after I lost all my planes and gear in a house fire 9 years ago. The FAA came in and regulated the hell out of it and made it to much trouble to fly.

Anyways I think I have the kind of experience you guys might be looking for. I've worked with an older membership but also had a lot of success attracting new folks and creating an inviting atmosphere. As a new HAM I also think I bring in some new perspective as what things look like from outside the hobby these days.

About me:

I'm 55 years old, a father of 3 adults, 28-34 years old. I am a career software developer turned management. I manage 4 software development teams at Paychex. I got my Technician license in November 2024 and my General in 2025. I plan on getting my Extra before the end of the year. I am an avid maker, which means I love to build things. I enjoy woodworking, 3d modeling for 3d printing and CNC wood projects. In the summers I spend 40% of my time at my cottage on Lake Ontario in Waterport, NY. It's a great place to play radio with such a low noise floor. Because I am a maker I absolutely love building ham radio stuff, especially antennas and go boxes (both of which I have way more than I need). I love to operate outdoors, even if I can't get to a park for POTA, I will set up in the backyard in the evenings and work HF.

MIKE MOORE, KC2NM
CANDIDATE RARA SECRETARY

With a lifelong passion for electronics and communication, I began my ham radio journey in 1967, earning my first license as WN8ZPY. My early experiences building and experimenting with radios fueled a lifelong love of technology.

After relocating to Rochester in 1976, I continued to pursue my ham radio interests while building a suc-



cessful career in engineering. My dedication to the hobby led me to upgrade to the Amateur Extra Class in 1995 and adopt the callsign KC2NM.

I am deeply committed to our local ham radio community and have actively served RARA in various roles, including Secretary, Treasurer, Public Service Coordinator, and Hamfest Committee member. I enjoy exploring the latest technologies like APRS, Allstar, DSTAR, and DMR, and I'm proud of our club's accomplishments in these areas.

Beyond ham radio, I find joy in boating, biking, cooking, and spending time with my five grandchildren. I am eager to continue serving RARA as Secretary and contribute to our club's ongoing success.

GEORGE ADAMS, K4GWA
CANDIDATE FOR RARA TREASURER

I got into amateur radio just before the pandemic. Since then, I've tested through to Extra and became a VE to bring in new hams. To develop my skills through real world experience, I've become active in public service events working everything from various bike rides to boat races to patrolling pumpkins. Last year, I was lucky enough to receive RARA's Public Service Award.

Furthering the public service theme, I have been a member of Monroe County ARES where for the last two years I have been its President in the past. During this time we have shored up our operations, engaged in several simulated emergency tests including one with Rochester General Hospital, and built relationships with other national Non-Governmental Organizations such as the Information Technical Disaster Resource Center.

If given the opportunity to move from the Board of Directors and become Treasurer, I hope to positively contribute to the future of local amateur radio as I have as a RARA volunteer.

TIM GUYOT, KB1POP
CANDIDATE FOR DIRECTOR

I got into amateur radio during college at RIT in 2007. Thanks to Dave Snyder (KC2REO) and Jim Stefano (W2COP) I had a variety of experiences with the club station, K2GXT, and public service. I enjoyed working on antennas on the roof of the Student Alumni Union, and learning about repeaters in the shack on Ellingson. Public service gave me practical experience helping others and working on directed nets. I earned my general-class license in 2008, but didn't get into



HF until 2018. Earlier in 2025 I joined RARA's extra class class - let me tell you, it was great - and passed in April.

If elected, this will be my 10th year serving on the board. I've served as Secretary, VP, two years as President, and most recently as a Director. I've also been heavily involved in producing the last five Hamfests. As a director I will continue to work on the hamfest as well as our various club events, especially those that involve introducing HF operating to less experienced hams. I look forward to the opportunity to serve another year.

TIM BARRETT, K9VB
CANDIDATE FOR DIRECTOR

Originally from the UK, I have lived in the Rochester area since 2004. I have had a lifelong interest in radio and electronics, first becoming licensed in the UK as G7NYA in 1987 and later as M0TIM. On moving to the US one of my first actions was to get my Extra ticket and become a member of RARA (Life member since 2006). My interests are HF and restoring or repairing old test equipment, but I am mainly interested in the technical / theoretical side of the hobby.



I have been active on the board for several years and have held the positions of President and Vice President. I am also the Membership Secretary for RARA. In the past couple of years I have also got involved with the AWA and act as a historian (i.e. Guide at their museum) on most Saturdays.

As I vacate the position of Vice President I recognize that the position may not be filled and term limits prevent me from continuing in that role. One of the responsibilities of the Vice President is to obtain speakers for our monthly meeting presentations and if elected as Director I intend to find a way of making that process easier. I would like to set up a small Program Committee who will take on the responsibility of finding speakers. If you feel you can help with that, please contact me.

BRIAN O'CONNOR, KA2CGB
CANDIDATE FOR DIRECTOR

Although first licensed in 1978, I was not very active in the hobby while working with radios as a day job. I became more involved following retirement and upgraded to Extra in 2016. My modest shack has all-mode capability from 80m to 70cm. Member of AARL, RARA, RDXA and RVHFG.



It has been an honor to serve on the RARA Board since January 2017: first as Treasurer, then as Vice President, Director, Secretary, and currently as Treasurer.

Always wanting to find a new home for another Ham's equipment, I coordinate donations to the Club as well as managing our hamfest Country Store and our Annual Auction. I also serve as custodian of Club-owned radios, antennas and accessories, which support several operating events throughout the year. I am looking forward to continuing service to the Club as a Director.

Retired from Harris RF Communications after 30+ years. Early on I worked with low-level analog and digital circuits and wrote quite a bit of embedded software. But the bulk of my career was helping customers implement large communications systems using 100 kHz to 5 GHz and with stations from QRP to 100 kW. My HF antenna experience includes vertical monopoles, dipoles, mag-loops, rhombics and broad-band HF log-periodics (huge vertical dipole LPAs, too). To be close to our customers, my family and I lived in Europe and the Middle East for more than a decade.

Now empty-nesters, XYL Marion & I live in Perinton. I like testing things (such as radios, antennas and filters), and enjoy operating events such as Field Day and the New York QSO Party (NYQP). Outside of radio, I tinker with an old Fiat X-1/9 and avidly follow Formula 1 auto racing.

DON WEGENG, KD2WWY
CANDIDATE FOR DIRECTOR

My ham radio journey started during the pandemic, when I passed the Technician and General exams. However, my interest in radio started as a kid in the 1970s. My early interest in listening to distant AM radio stations led to my parents giving me a short wave radio for Christmas. Listening to stations like HCJB, Radio Havana, and Radio Nederland was great fun! After receiving my Electrical Engineering degree I was hired by Xerox here in Rochester, and remained there for 40+ years until my retirement in 2024.



I spent much of my Xerox career in product development, spending the final 15+ years leading teams focused on gathering / documenting software requirements as well as software content planning. I have experience working with internal as well as outsourced software development teams.

My Amateur Radio interests include Parks on the Air, DX using FT8, and building antennas. I have supported RARA members by serving on the Hamfest Committee, Mammoth March, Pumpkin Patrol, etc. My non-radio interests include hiking in the Adirondacks and volunteering with the ADK 46ers, and previously I served as the Committee Chairperson for three different Scouting units. I have been married to my XYL (Roberta) for 30 years and we have two adult children.

I'm now ready to increase my involvement in RARA. There is a continuing need to help new hams get on the air and find their niche in this great hobby without emptying their bank accounts. If elected, I hope to use my professional and vol-

unteer experience to serve our club members and the local ham radio community.

CHRIS REICH, WB2DYJ
CANDIDATE FOR DIRECTOR

"This is deja-vu all over again"—Yogi Berra. Indeed it is, as I have written a bio for this purpose nearly thirty years ago. (Time flies!) It was right after having served a term as vice-president, then president of this venerable institution. It's been exciting to come back as an active member in my retirement. I've made many new friends since my return, and I look forward to knowing the rest of you soon. This past year I've attended most board meetings, solely as an interested member. This was to learn the new club practices; how things get done. One year has not been enough; there is still much to learn.



The truth to be told is that I am a reluctant candidate to the Board of Directors, as I'd prefer to see more youth in leadership roles. That having been said, I recall how hard it was, as a man in my late thirties managing a household with two wonderful children, a career which had me traveling the world (working with radios), and RARA. It wasn't easy and I empathize with our younger members having other priorities. It wasn't my plan to run for any leadership position, but a member whom I respect plied me with a thick layer of praise, followed by a gentle arm-twist to induce me to run. Despite being charmed and grateful, I humbly explained my refusal. Not much later, two other fine and good-looking members independently made strong suggestions of the same kind, one with an arm-twist that was not so gentle. Having faith in their collective wisdom, I changed my mind. Their identities will not be revealed here, but if you, too, would trust their collective wisdom, you may choose to have me serve again as a member of RARA Board of Directors. My arm will heal in either case; thank you for asking.

As there has been very nearly a complete turnover of those attending meetings in the intervening decades, I offer this list of some of my history with RARA and the amateur community. This, in case anyone of the 'new crowd' is interested.

I earned my Novice license at the age of 13, in 1971. Both my age and the calendar year incremented by the time my ticket arrived in the mail. I earned the Advanced license later in 1972, and if memory serves, the Amateur Extra license in 1978.

- was the Technical Director of University of Rochester Amateur Radio Club for two years.
- taught Morse Code classes for RARA for several years and at UofR for one semester.
- taught theory classes for RARA for several years and at UofR for one semester.
- am believed to hold the world record for the longest Morse Code transmission.

- handled formal traffic, mostly on the Western District Net (2M), but also some on HF.
- was a Net Manager of the Western District Net.
- gave a technical presentation on packet radio at the Rochester Hamfest.
- organized competitions between university chess clubs over HF.
- am a member of the Royal Order of The Wouff-Hong (really!)
- was active in RACES/ARES and participated in several Simulated Emergency Tests.
- had participated in many of the public service events, including Tour de Cure.
- am a member of The Antique Wireless Association.
- am a lifetime member of the ARRL.

Amateur radio is once again a big part of my life and I'm sure it will remain so for the second half of it. While you may recall seeing me as one of the auctioneers last November, being what age does to one I'll let others erect the antennas and tackle the other physical jobs. Seventy-three.

DAVE WILSON, WA2HOY
CANDIDATE FOR DIRECTOR

It has been a privilege to serve on the RARA Board for the past three years. During that time, I've enjoyed working alongside dedicated volunteers to support events such as the Hamfest, Lighthouse Weekend, RARA POTA, the RXCW group, and activities for new and returning hams. I've also contributed as a proofreader for The Rag and volunteered at many club events.

I was first licensed in 1976 as a General, earned my Advanced in the late '80s, and my Extra Class in 2018 after taking the club's course. I have been a member of RARA off and on since the '70s, returning in 2017 and remaining active ever since.

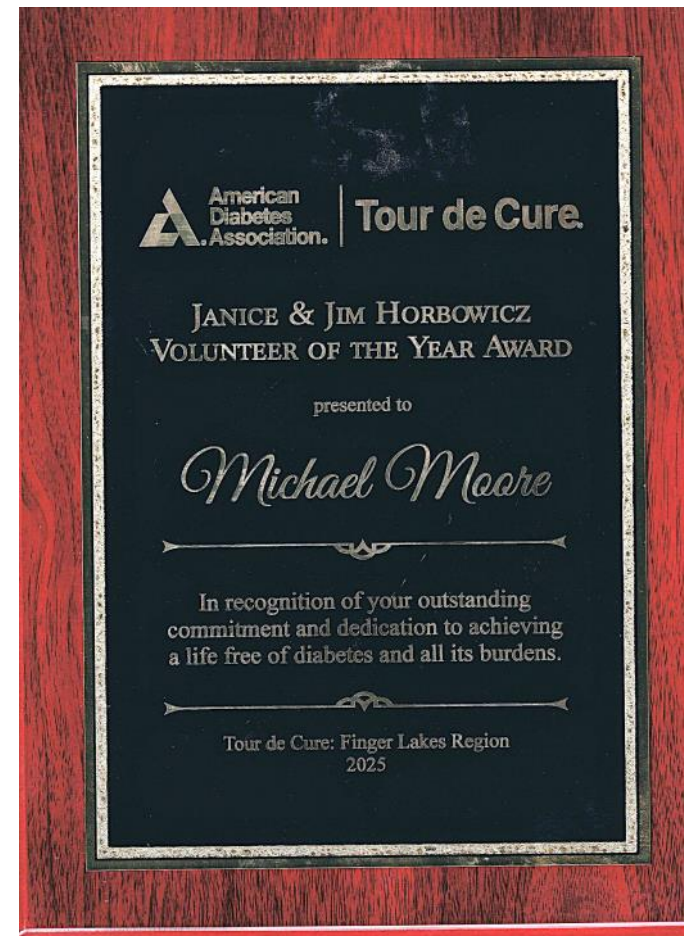
While most of my operating has been on SSB and FM, I have been making more contacts using CW and look forward to exploring more digital modes. I believe RARA's strength lies in its combination of education, operating events, and a welcoming community. I would be honored to continue serving on the Board for another year.



2025 TOUR DE CURE AWARDS CEREMONY

The 2025 American Diabetes Association Tour de Cure Awards Ceremony was held on August 18 at The Three Heads Brewing Beer Garden on Atlantic Ave. Rochester. The purpose of the ceremony is to celebrate the success of the Tour de Cure and to recognize sponsors and donor groups.

The Janice & Jim Horbowicz Tour de Cure Volunteer of the Year Award honors a dedicated individual who embodies the spirit of service and commitment to a life free of diabetes and all its burdens. The recipient of this year's Volunteer of the Year Award is **Mike Moore, KC2NM**. Tour de Cure is a large part of the RARA Public Service Program, and Mike represents RARA on the planning team for this event. The award is represented by a plaque and was presented by Jim Horbowicz and Jessica Joanis, ADA Director of Development Upstate New York.



SQUEEZE KEYING

PAUL CONAWAY KD2DO

I would like to continue on from the article in the August RAG called IAMBIC CW written by Joe Rowe, AG2Y. The realm of two contact, two independent paddles, is often simply called squeeze keying.

There is some intriguing history of squeeze keying in this 5 page article by Karl Fischer, DJ5IL

[https://planker.dk/OZ-artikler/Andres/All about SQUEEZE-keying.pdf](https://planker.dk/OZ-artikler/Andres/All%20about%20SQUEEZE-keying.pdf)

The term “iambic” in poetry refers to a metrical pattern where a line of verse is composed of “iambes”, which are two-syllable units with the first syllable unstressed and the second stressed (like “be-HOLD”) In CW terms, an “iamb” would be “di-DAH”. So iambic keying would make a continuous stream of di-DAH-di-DAH-di-DAH-di-DAH... and so on forever. This is what you get when you hold down both contacts at the same time i.e., squeezing the paddles.

You may remember the singsong rhythm of iambic tetrameter from English class:

I	NE	ver	SAW	a	PUR	ple	COW
Short	long	short	long	short	long	short	long
di	dah	di	dah	di	dah	di	dah

Iambic operation is useful for sending characters that have alternating patterns such as a period or the letter C.

The difference between iambic A and B lies in what the keyer does when both paddles are *released*. The mode A keyer completes the element being sent. The mode B keyer sends an additional element opposite to the one being sent when the paddles are released. The original Curtis chip is mode A - the WB4VVF Accukeyer is mode B.

Mode B was intended to overcome some of the timing problems of A. But in so doing it produced another problem, now there is a strong propensity for adding an extra opposite element at the end of a character. If you were sending “A”, which should be “di-DAH”, it very frequently came out as “di-DAH-dit” unless you were very skilled in your finger timing. Likewise, a character ending with “dit” would often give you an extra “-DAH” at the end. This rigorous timing constraint was solved in the coding of the CMOS SUPER KEYER. Here, the keyer did not even start looking for the opposite key closure until a third of the way through the current element. This gave the operator much more time to get off the other paddle. This cleaned up most of the mistakes that people made with iambic B. It also explains why someone who learned on a CMOS SUPER KEYER has a hard time with straight iambic B, which is used in many radios having built in keyers.

But there is another mode that actually came before either of the iambic ones. It is called **Ultimatic**. It is simpler to describe and operate (and to program). If you hold both paddles down, give it the squeeze, it will repeat the last contact closure continuously. For example, if you squeeze both paddles and the “DAH” contact was made slightly after the “dit”, as in the letter “A”, you would hear “di-DAH-DAH-



DAH DAH-DAH-...”. Or if the “DAH” contact was made slightly before the “dit”, you would hear “DAH-di-di-di di-di di-...”

This Ultimatic mode eliminates virtually all the uplifting or slapping in the middle of characters as required with either of the iambic modes.

Here is a good set of videos by Ashley Fenillio showing the simplicity of the Ultimatic mode:

[Ultimatic Squeeze Keying](#) and [One-minute Ultimatic Demo](#)

And in fairness, here he gives the same level of detail on the iambic modes: [Iambic A/B](#)

My original CW Elmer gave me this suggestion. I pass it along to you. “*Teach your left hand how to use a right-handed squeeze key.*” We are no longer tied down to the vibroplex model that put dits on the thumb. Either motion is equally fast and accurate with electronics doing the timing. To his advice I will add “*make that an Ultimatic squeeze key and you will thank yourself later.*” You can keep your right-hand habit for using a brass pounding straight key if you wish. That might come in handy sometime.

Where can you get an Ultimatic keyer”?

Some keyer projects offer you a choice of modes including Ultimatic, for example:

The [Morserino-32](#) It is a multi-functional Morse device (Keyer, Trainer, Decoder, even Transceiver etc.). It is ideal for learning and practicing Morse code, useful for everybody from beginner to high-speed pro. It is demonstrated [here](#).

The [Winkeyer](#) can be had as a chip, a board or a box.

The [K3NG Arduino CW Keyer](#) as well as the [nanoKeyer](#) are Arduino based and can be used as stand alone keyers or as part of a computer based contest machine.

My preference is the Island Keyer II from [WB9KZY](#). When I finish building the box for it, (see photo) I will begin retraining my left hand how to use it in ultimatic mode. If that fails, it also has a CMOS Super Keyer version of iambic B.

If you practice sending using didahdit.com there is an ultimatic mode there too.

Have fun squeezing.

[Note: if you only have a print version of this article so the links don’t work, contact me and I will send them to you somehow.]



RAGS OF THE PAST

ED GABLE, K2MP, RARA HISTORIAN

20 Years Ago, September 2005

Your newly elected RARA Vice-President, and as typical the newly appointed program Chairman, Bill Kasperkoski WB2SXY, wrote to introduce the September program which will feature two presenters. First you will hear Cynthia Ames speaking on the SAMES program (Specific Area Message Encoding). The SAMES program, using the wide-area NOAA radio transmitter base, enables hazard messages to be easily sent to a large number of Western New York State residents. Cynthia, the lead person in Monroe county's SAMES implementation group will explain and demonstrate the program. Next we will hear from John Van Griethuysen N2BNE, well known as one of this areas JOTA guys, who will present this year's Jamboree on the Air offerings. Programs at this time were held at the East Henrietta Fire Hall at 7:30 p.m.

Dick Goslee (sk) KG2I, started his tour as your President by opening again the "Prez Sez" column of news from the head office. Dick didn't have a large column this early in the job but he did want to assure all members that Tom Austin KA2GXX, is back by popular demand, as your Refreshment Chairman offering much appreciated coffee and doughnuts. Dick continued announcing that the current Atlantic Division Director, Bernie Fuller, is not running for re-election and members should watch here and in QST for Voting information. Finally, we learned that the current RARA Licensing Classes and VE testing locations at RIT have moved. Look in the next Rag where Licensing Class Director Brad Armstrong W1YX, will have new information. Brad also made it known that RARA is seeking a new VE Testing Coordinator.

RARA's Media Communications Coordinator, Larry Wallnau W2ZEY, wrote to tell of his organization and provided details on this year's Rochester Marathon, sponsored by the Arthritis Foundation of Rochester and supported with communication services by RARA. Larry reported that 1500 – 2000 runners are expected making this a major sporting event. This 17th of September event just happens to coincide with Amateur Radio Awareness Day.

Myself, K2MP, wrote an article letting the readership know that Lucille Breimer (sk) W2SCI, has gone QRT. RARA rarely reports such station changes, but in Lucille's case it is was big news and felt in far places of the globe. For years Lucille, a blind operator, used her high power 20 meter, SSB station to run phone patches from GI's in remote military bases to their family members all over the USA. She especially enjoyed helping the Navy folks stationed in Antarctica from where she received in the mail many mementos from those she served.

Dave Wright N2CK, writing for the RDXA announced an interesting meeting delivered by Wayne Reinart K3ZXY, who delivered a program reviewing new Ten Tec 1340 transceiver. The RDXA then held meetings at the Gander Mountain Meeting Hall on Jay Scutti Blvd.

Special pricing on selected RARA Merch (today's term) was delivered with deep discounts on selected items. Hurry, these prices are gone!

With regret it was announced that Alan Metz WJ2E was a Silent Key. From the Want Ads you could buy a TenTec MFJ-442 Electronic Keyer, with very little use, from Irv Goodman AF2K, for \$80.00. Jamison Eye Care, Richard Jamison WA2QDP, MD, remained a long term commercial advertiser.



the RARA RAG

Published by
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL. 58

SEPTEMBER, 2005

NO. 1

RARA September Meeting

By Bill Kasperkoski, WB2SXY
Vice-President, RARA

What do 036055 and Jamboree On The Air have in common? In the national scheme Monroe County has been assigned a Specific Area Message Encoding (SAME) designation, above. This means that your all-hazards radio unit can, via NOAA's radio transmitters, alert you and your family to a hazardous and threatening events in your specific community or your surrounding area. Project Prepare is an initiative of Monroe County's Local Emergency Planning Committee. Cynthia Ames, Leader of Monroe County's Project Prepare, will discuss and demonstrate the capabilities, features and programming of some of the All-Hazard radios.

Immediately after the All-Hazard Radio presentation, John Van Griethuysen, N2BNE (one of the JOTA Guys,) will discuss this year's Jamboree On The Air offerings. JOTA is a great opportunity for hams to enlighten, entertain and educate scouts about the capabilities and fun of Amateur Radio. Over a thousand scouts usually attend the Camp Cutler event over the JOTA October weekend.

To answer the opening question: The Rochester Amateur Radio Association General Membership Meeting. Friday night. September 9. 7:30 pm. 2005. East Henrietta Rd and Lehigh Station Fire Hall. Be There!

RaRa Meeting

September 9 2005

7:30 PM.

Henrietta Fire Company #1
3129 East Henrietta Road

Project Prepare

by Cynthia Ames

& Jamboree on the Air

by John VanGriethuysen, N2BNE

Newbie Net moves into fall season

By Phil Mulivor, WW2E
Newbie Net Moderator

The WA2MYG Memorial Newbie Net will enter its fall season with growing levels of participation from both newly licensed and long-time amateurs. The Newbie Net meets each Sunday evening on the K2RRA (146.88) repeater, immediately following the Monroe County FM Net.

The Newbie Net introduces ham radio newcomers to Rochester's best Elmers, and features a new topic each week. Recent topics have included the FCC's latest no-code proposal, favorite ham radio online resources, repeater etiquette, and working the International Space Station.

"We had some great participation over the summer," said Phil Mulivor, WW2E, Newbie Net moderator. "Summer is often a slower time for net participation, but everyone showed up for some very lively Sunday evenings."

The Newbie Net was created by Ray Pickens, WA2MYG, now a silent key. After Ray's untimely passing, the net was continued by his long-time friend, Brad Allen, KB2CHY. Brad has been responsible for building this net into a truly successful memorial to its founder. His efforts to grow the net honor Ray's memory in a very significant way.

The topic of the week is announced on the K2RRA repeater several days in advance of each Sunday's net. The Newbie Net also will continue to offer web-based downloads that relate to the weekly topic.

All amateurs -- not just "newbies" -- are encouraged to check in to the Newbie Net. "After all," said Phil, WW2E, "Elmers are the GLUE that hold the hobby together." Questions and comments can be sent to: newbie.net@frontiernet.net.

SILENT KEY

Alan R. Metz, WJ2E

April 23, 2005

40 Years Ago, September 1985

The first meeting of this RARA season brought a special guest and a good friend of RARA, Mr. Hugh Turnbull W3ABC, ARRL Atlantic Division Director. Mr. Turnbull's presentation was a talk on the recently completed ARRL Board meeting and changes in the League's structuring. As many neighboring Amateur Radio Clubs were invited to this special meeting, a larger venue was needed and the Monroe County Cooperative Extension Building (aka The Farm and Home Center on Highland Avenue) was selected.

The Antique Wireless Association (AWA) inserted a bulletin that told of their 24th Annual Conference which will be held at the Canandaigua Sheraton Inn later in September. It is expected that radio historians from around the globe will be in attendance to share equipment and learn of radio history from known experts.

Ed Holdsworth (sk) N2EH, writing as Chairman of the Licensing Classes, revealed that the class structure, instructors and schedules has been established, and Monday evening classes are being registered. Classes at this time were held at the 111 Westfall Road location. Instructors are Bud Young WA2UGE, Ed Gable K2MP and Russ Foster NE2B.

In a similar manner the entire year of VE Testing has been established, writes VE Team Coordinator Al de Blieck KW2X. Basically, this scheduling comes down to Exams are the third Saturday of each month from September 1985 through April 1986, with the testing location at 111 Westfall Road. Pre-registration is required per instructions detailed in the article.

"Public Service" was the title of the next offering by Ed Holdsworth (sk) N2EH, Chairman of the RARA Public Service Committee. Public Service activity has been brisk, writes Holdsworth, with eight events already completed this year with another five firmly scheduled and ready to go in the remainder of this year. Activity sent RARA volunteers to the borders of Canada to the North and Pennsylvania to the South, Ed continued. Ed is pleased to see many of the volunteers are first-timers and getting this important experience under their belt. And there is room for more, then and today.

Membership Chairman Lloyd Caves N2PU, offered data on membership levels that were encouraging. He reported that the 84/85 membership totaled 860 members, representing a 3.6% addition to 83/84 levels. Lloyd reminded members that if you need to renew your ARRL membership you can do so by going through RARA and save two dollars. See Lloyd for details.

With regret it was reported that Cmdr Andrew Suter USN, KC2XP and Joe Murphy W2SKA, were reported as Silent Keys. From the Want Ads you were offered an invitation to the Estate Sale of Jerry Fink (sk) W2TTQ, where a large collection of electronic parts and amateur equipment waited at Seminole Way in Brighton. Michael Rice KB2SG, Attorney At Law, offered his professional services via a commercial advertisement.



the RARA RAG

Published by

ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL. 38

SEPTEMBER 1985

NO. 1

HUGH TURNBULL, ARRL ATLANTIC DIVISION DIRECTOR FEATURED AT SEPTEMBER 6th RaRa MEETING AT FARM AND HOME CENTER

The first meeting of the 1985-86 RaRa year will feature Hugh Turnbull, W3ABC, ARRL Atlantic Division Director who lives near Washington, D.C. Hugh will discuss some of the changes occurring at the League and in Amateur as a whole and will field questions and take input from those present. Members from other Amateur Radio clubs in Western New York have also been invited which is one of the reasons that this meeting will be held at the Monroe County Cooperative Extension Building (Farm & Home Center to the old-timers) at 249 Highland Avenue, just east of South Avenue.

Also at this meeting be prepared to bring your membership renewal form and visit Lloyd Caves, WB2EFU, our Membership Committee Chairman. He will be happy to take your \$7.00. Howie, N2CUN, will have another outstanding awards program and our resident chef *extraordinaire* George Muller, WA2IEO, will be providing the refreshments again this year.

ANTIQUE WIRELESS ASSOCIATION ANNUAL CONFERENCE SEPT. 25-29

The AWA Annual Conference will be held this September 25-29 at the Sheraton Inn, Canandaigua, New York. This will be the 24th annual conference and is an occasion when radio historians from around the world convene to exchange equipment and learn more about the development of radio.

Registration *with meals* must be made through Secretary Richard Ransley, 17 Sheridan Street, Auburn, New York 13021 before September 15th. There will be unlimited registration at the door. Write Richard or contact any AWA member for more information.

WELCOME TO RaRa

If you've received this issue of the *RaRa RAG* by third class mail, it means that you are one of the 1700+ amateur radio operators in the RaRa service area (144 - 145 - 146 zip codes) who are *not* a member and we cordially invite you to join the largest ARRL-affiliated Special Service Club in the country.

RaRa is dedicated to providing the maximum amount of services to the Amateur community as well as the community at large. We provide communications for a multitude of public service events, sponsor licensing and upgrade classes and can now offer regularly scheduled Amateur Radio examinations for all classes of licenses. We conduct the largest Hamfest east of Dayton and print a directory of all Hams in the Rochester area.

For only \$7 you get all this plus a subscription to the *RAG*. Why not join us? We'd love to have you! A membership application is included for your convenience.

RRRA MEETING TO FEATURE HISTORY BY K2MP

The September meeting of the Rochester Radio Repeater Association on Friday, September 20th, will feature the club historian, Ed Gable, K2MP, with a presentation on the history of the RRRA. Come and see what things were like in the days of 41V's, MOTRAC's, Prog Lines and maybe even ask Rich, K2UW, about how he got his handle "*Buzz*". The RRRA meets at 8 p.m. at the Pittsford Town Hall near the 4 corners of the Village. See you there!

SILENT KEYS

KC2XP - LCDR Andrew M. Suter, USN,
son of N2AGR, Martin L. Suter
May, 1985

W2SKA - Joseph K. Murphy
July 19, 1985

RARA CALENDAR

TIM BARRETT, K9VB, RARA VICE PRESIDENT & MEMBERSHIP SECRETARY

September 2025						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest ARS Spartan Sprint RSGB 80m Autumn Series, SSB MI QRP Labor Day CW Sprint	2 Phone Weekly Test	3 RaRa Monthly Mtg BSA & ONLINE 7pm ROC City Net ~3.830 MHz, 7pm A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 UKEICC 80m Contest Walk for the Bacon QRP Contest	4 RARA BoD Mtg 6:30pm ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB Walk for the Bacon QRP Contest NRAU 10m Activity Contest SKCC Sprint Europe NCCC Sprints	5 K1USN Speed Test CWOps CW Open	6 RARA Elmers' Corner 10am All Asian DX Contest, Phone RSGB SSB Field Day IARU Region 1 SSB Field Day OH State parks on the Air PODXS 070 Club 80M Sprint AGCW Straight Key Party CWOps CW Open SARL Field Day Wake Up QRP Sprint
7 All Asian DX Contest, Phone RSGB SSB Field Day IARU Region 1 SSB Field D PODXS 070 Club 80M Sprint Tn QSO Party	8 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest	9 Phone Weekly Test DARC CW-Training Contest	10 A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 RSGB 80m Autumn Series, CW	11 NCCC FT4 Sprint Weekly RTTY Test NCCC Sprint Ladder	12 K1USN Speed Test K1USN SST Open	13 Africa FT4 Contest WAE DX Contest, SSB ARRL September VHF Contest ARRL EME Contest SKCC Weekend Sprintathon
14 WAE DX Contest, SSB ARRL September VHF Contest ARRL EME Contest SKCC Weekend Sprintathon NA Sprint RTTY IRTS 70cm, 2m Contest	15 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest	16 Phone Weekly Test	17 A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 Walk for the Bacon QRP Contest	18 RARA Annual Banquet Walk for the Bacon QRP Contest BCC QSO Party NTC QSO Party NCCC FT4 Sprint Weekly RTTY Test NCCC Sprint	19 K1USN Speed Test AGB NEMIGA Contest	20 ARRL 10GHz and Up Contest IA, NJ, NH, TX QSO Parties QRP Afield Feld Hell Sprint Wisconsin Parks On The Air Washington State Salmon Run Scandinavian Activity Cont, CW
21 ARRL 10GHz and Up Contest IA, NJ, NH, TX QSO Parties NA Sprint RTTY Washington State Salmon Run Scandinavian Activity Cont, CW BARTG Sprint PSK63 Contest Run for the Bacon QRP Contest	22 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest 144 MHz Fall Sprint	23 Phone Weekly Test	24 A1 Club AWT CWOps Test Mini Test 40, 80 UKEICC 80m Contest	25 RSGB 80m Autumn Series, Data NCCC FT4 Sprint Weekly RTTY Test NCCC Sprint	26 K1USN Speed Test Bill Windle QSO Party	27 Elmira Hamfest, Horseheads Bill Windle QSO Party CQ WW Contest, RTTY AWA AM QSO Party Maine QSO Party Masonic Lodges On The Air YU DX Contest AGCW VHF/UHF Contest
28 CQ WW Contest, RTTY AWA AM QSO Party Maine QSO Party YU DX Contest AGCW VHF/UHF Contest UBA ON Contest	29 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest QCX Challenge	30 Phone Weekly Test 222 MHz Fall Sprint				

RARA HAMFEST SPONSORS PLEASE SUPPORT OUR HAMFEST SPONSORS



When you purchase
from one of our
sponsors, PLEASE
mention RARA and
THANK them for
their support

American
Radio Relay
League

www.arrl.org
Long Time
Supporter



www.dxengineering.com
7 Year Supporter

Radioddity



Radioddity

<https://www.radioddity.com/>
New Supporter

R&L Electronics



<https://www2.randl.com/>
New Supporter

Powerwerx



<https://powerwerx.com/>
New Supporter

Ham Radio Deluxe
Software



<https://www.hamradiodeluxe.com/>
4 Year Supporter

N3FJP



www.n3fjp.com
4 Year Supporter

4 State QRP Group



<https://www.4sqr.com>
New Supporter

HEIL
HAM RADIO

<https://heilhamradio.com/>
3 Year Supporter

Elecraft



<https://elecraft.com/>
5 Year Supporter

BTECH



<https://baofengtech.com/>
2 Year Supporter
Instagram: @btech_radios
Facebook: @baofeng.tech.radio

NEWS FROM AREA CLUBS

MONROE COUNTY ARES / RACES NEWS

Monroe County Amateur Radio Emergency Service (ARES®) is an amateur radio public service organization based in Monroe County, New York, and is open to all licensed amateur radio operators. Monroe County Radio Amateur Civil Emergency Service (RACES) is a program of the Monroe County Office of Emergency Management. We participate in training and emergency exercises so that we can serve other agencies during times of communication failure.



The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month except in July, August, November and December. Anyone interested, members and non-members, are welcome to attend. The meetings are in person at 6:00 PM at the county EOC in even months and at the Red Cross in odd months. They are also available via Zoom. Please check our website for any schedule changes. Prospective members can request an invitation by email to: secretary@monroecountymcomm.org.

Monroe County ARES®/RACES meets on the air every Thursday of the month at 7:00 PM, on the W2ARM 146.61 MHz (-) 110.9 Hz PL and 444.45 MHz (+) 110.9 Hz PL repeaters. Our club callsign is WB2EOC. On the nights when we hold our regular meeting, the net is at 5:30PM.

WEB: www.monroecountymcomm.org

Facebook: Monroe County Amateur Radio Emergency Service, Inc.
X@MCARESNY

ROCHESTER DX ASSOCIATION, RDXA

Please check our website www.rdxa.com for up-to-date information regarding meeting locations and requirements, if any.



XRX AMATEUR RADIO CLUB

The XRX Amateur Radio Club is meeting quarterly at the Webster Recreation Center. Dates, time, and Zoom meeting info, when available, is sent out to our mailing list. How to subscribe and up-to-date information is always on our website at <http://xarc.us>. We have a System Fusion repeater south of the city on 145.290, and another on 444.825 west of the city. An XLX reflector, XLX927, and YSF reflector are typically bridged to the 145.29 machine, as well as Wires-X Room 21704. The system is DMR capable pointing your hotspot to XLX927.

AMATEUR RADIO ASSOCIATION OF THE SOUTHERN TIER, ARAST

ARAST meets the third Thursday of every month at the Emergency Communications Center on Harris Hill in Big Flats, next to the National Soaring Museum. Our Chemung County ARES (CCARES) organization meets the first Tuesday of the month at the same location. Both organizations serve amateurs in Chemung County and the surrounding counties in New York and Pennsylvania. All are welcome to attend out meetings, which begin at 7PM. All monthly meetings are held both in person and on Zoom.

Don't forget to check out our repeaters when you visit the area. Currently, N3AQ 147.36(+) and W2ZJ 146.70(-) (both PL 123.0) are our principal 2-meter repeaters. The former can also be accessed via Echolink node 574415 with the call sign KD2QND-R. A full list of repeaters in the Twin Tiers area can be found at https://arasth3.org/arast_website/public/repeaters.php. We also invite you to check out our 6-meter net on Wednesday evenings at 9 p.m. local time on 50.200 MHz USB. We would welcome participation from RARA members.

The 50th Elmira Hamfest will be held on September 27, 2025. We hope to see you there!

Details at

https://arasth3.org/arast_website/public/hamfest.php



COMMUNITY AMATEUR RADIO CLUB, CARC

If you are interested in being a part of this forward thinking and active club, visit us at a meeting or join us on one of our weekly nets. We meet at the Hoag Library (134 S. Main St. Albion, NY) on the first Saturday of each month at 7PM. Each meeting has a brief training/refresher period with upcoming topics including: net protocol, repeater set-up/maintenance, and digital signaling. The club holds a net every Sunday evening at 8pm (winter) and 9PM (summer) - 0100 UTC Monday - on 147.585 simplex, and we host the Thursday Night Social Net, Thursday at 8:30PM on 147.285+. We'd love to hear you check-in!

DRUMLINS AMATEUR RADIO CLUB

The Drumlins Amateur Radio Club meets every third Wednesday of the month at 7:30 PM at the Wayne County EMO/Sheriff's Office 7376 State Hwy 31 #1000, Lyons, NY 14489. Doors open at 7 pm, meeting starts at 7:30 pm. Announcements will be made on the 146.685 repeater. The Drumlins ARC website address is <http://drumlinsarc.us/>

DIGITAL COMMUNICATIONS ASSOCIATION OF PERINTON, DCAP

DCAP members continue to experiment with leading edge digital communication modes. We were formed in 1994 to foster the development of local and regional packet radio networks using AX25 and TCP/IP. Today we have members using the club sponsored DSTAR repeater (KB2VZS on 444.8MHz), several personal and publicly accessible DSTAR hotspots, Yaesu System Fusion systems on non-club repeaters and DMR systems through repeaters and personal hotspots. DCAP members meet for breakfast at 7AM nearly every Saturday morning at Rikki's Family Restaurant in the village of Fairport and everyone is welcome to join us. Talk in is on the KB2VZS analog repeater on 146.715MHz with a PL tone of 110.9Hz.

KEUKA LAKE AMATEUR RADIO ASSOCIATION, KLARA

Just an update on what KLARA is up to:

- KLARA hosts several nets – come join the fun! See KLARA.us for details.
 - The KLARA Weekday daily SSB net – Daily at 8AM 3.896 MHz.
 - The KLARA CW Practice net – M/Th 7PM 3.541 MHz.
 - The KLARA Sunday Night 2-m net with Trivia – Every Sunday at 8PM on the KLARA repeater system.
 - The KLARA 2-meter Wednesday Night Rag Chew Net – Every Wednesday at 8PM on the KLARA repeater system.
- August 12-15: Bath Fair – KLARA will be hosting an information booth. Stop by for a chat!
- August 16: KLARA Hamfest in Howard. Come get those ham treasures!
- August 23: KLARA End of Summer Picnic, POTA activation, and Fox Hunt at Keuka State Park.
- September 10: Meeting: BoD and KLARA Officer elections.
- October 8: KLARA meeting: (Tentative) Presentation by Joel KC2VAW to present: How to Use USGS Topographic Map
- October 11: Repeater Roundup with the contest scheduled to run from Noon until 4:00PM. See KLARA.us for details.
- November 12: KLARA meeting: (Tentative) presentation by Ron K2TJW on ARES.
- December: KLARA Christmas Party!

Best 73!

ANDY JACKSON, K2CRV
KLARA PRESIDENT

See our website for details KLARA.US



ROCHESTER VHF GROUP

**You are invited to
join us on-line &
on-the-air! We're
here to help you to
use the license that
you worked so hard to get.**



Check out what we do by visiting our
website at <http://RVHFG.org> to start.

Join our e-mail group by sending a message
to RVHFG+subscribe@groups.io.

Join our weekly on-the-air nets on SSB:
2 meter band - Monday 9 PM 144.260 USB
6 meter band - Thursday 9 PM 50.205 USB

No VHF SSB radio (yet) to join the nets?
Log-in to Echolink [ka2ene-L #23426](https://www.echolink.org/dm7ka2ene-L/#23426)

We can help to answer the question, "What radio
should I buy?" Here's a list of HF+++ radios, those
with the HF bands and at least three VHF bands,
giving you access to all sorts of VHF fun. Research
each one to see which serves you best. Ask
questions on our email list. We're here to help!

Yaesu FT-100D	Yaesu FT-817	Yaesu FT-818
Yaesu FT-847	Yaesu FT-857	Yaesu FT-897
Icom IC-706MKIIG	Icom IC-7000	Icom IC-7100
Icom IC-9100	Kenwood TS-2000	

Some are older models and some are newer models,
but all provide access to the 6 meter, 2 meter, and
70 centimeter bands using both traditional FM and
the exciting narrow-band SSB mode that supports
unexpectedly long-distance (100's of km's routinely
and 1,000's of km occasionally) VHF communication.
These are good all-around radios no matter what
club you end up affiliating with later. We hope its us.

ORLEANS COUNTY AMATEUR RADIO CLUB

The Orleans County ARC meets every 2nd Monday of the month at the Orleans County Emergency Operations Center, 14064 West County House Road, Albion, NY 14411. Doors open at 6:00PM, meeting starts at 7:30PM. Anyone with an interest in amateur radio is welcome. Program topics vary from month to month.

The club has an open two-meter net every Tuesday night at 9:00PM local time on the club repeater, WA2DQL/R (145.27 -600KHz offset, 141.3 tone). Everyone is welcome to check in.

See the club website <http://ocarc.us> or contact club Secretary Ron Craig, N5BNO for more information.

SKENOH ISLAND AMATEUR RADIO CLUB, SIARC

The Skenoh Island Amateur Radio Club (SIARC) meets every second Wednesday of the month at 7:30PM at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have License Exam Testing every other month which begins at 6:30PM. The next meeting will be on Wednesday, September 10th There will be election of club officers at the September meeting.

SIARC is also holding a Health and Welfare NET Monday through Friday each week at 2000 hours on the SIARC 146.820 repeater (located in Canandaigua, NY), Tone 110.9. This net is to pass along general information and keep hams in touch. All hams are invited to participate.

ROCHESTER RADIO REPEATER ASSOCIATION

The Rochester Radio Repeater Association will be having its first seasonal meeting on Friday September 19th. The meeting will be held at the Pittsford Town Hall basement meeting room at 7:30pm. The entrance is in the back of the building where there is public parking. If you can't make it in person please plan to attend via zoom. Let us know what you did over the summer. Current information and zoom login can be found on our web site, www.k2rra.org

The current club officers are Bob Odell - N2BZX - President, Bob Shewell - N2HJD - Vice President, Jay Stewart W4JPS -Secretary, and Jerry Powell - KC2YSY - Treasurer / Membership Chairman. RRRA also accepts donations to the club. If you are not currently a member and want to support RRRA, you can join at our monthly meeting or on our web site using PayPal. www.k2rra.org

THE AMATEUR'S CODE

Originally written by Paul M. Segal, W9EEA (1928)

THE RADIO AMATEUR IS:

CONSIDERATE	Never knowingly operating in such a way as to lessen the pleasure of others.
LOYAL	Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
PROGRESSIVE	With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
FRIENDLY	With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
BALANCED	Radio is an avocation, never interfering with duties owed to family, job, school or community.
PATRIOTIC	With station and skill always ready for service to country and community.

RARA OFFICERS, DIRECTORS AND COORDINATORS

OFFICERS

President: Richard Bishopp, KD2UBJ	(585) 766-5631	president@rochesterham.org	Treasurer: Brian O'Connor, KA2CGB	(585) 721-2346	treasurer@rochesterham.org
Vice-President: Tim Barrett, K9VB	(646)496-5015	vicepresident@rochesterham.org	Secretary: Mike Moore, KC2NM	(585) 721-0011	secretary@rochesterham.org

DIRECTORS

Tim Guyot, KB1POP	(585) 406-3163	timguyot@gmail.com	Dave Wilson, WA2HOY	(585) 200-4447	davidrw@rochester.rr.com
Mike Kennerknecht, N2MAK	(585) 754-2444	makennerknecht@gmail.com	George Adams, K4GWA		k4gwa@monroecountymcomm.org
Scott Theis, W2LW	(845) 774-9809	sa_theis@hotmail.com			

ACTIVITY COORDINATORS

Club Historian	Ed Gable, K2MP	egable@rochester.rr.com	Online Meetings	Scott Theis, W2LW	sa_theis@hotmail.com
Club Station Trustee	Dave Enright, K3WHD	denright1228@gmail.com	Public Service	Mike Moore, KC2NM	publicservice@rochesterham.org
Education Coordinator	Aaron Rombaut, KE2DYI	education@rochesterham.org	QSL MANAGER	Dave Enright, K3WHD	denright1228@gmail.com
Elmers' Corner	Richard Bishopp, KD2UBJ Suzanne Bishopp, W2SUZ	elmerscorner@education.org	Raffle Administrators	Forest Shick, WA2MZG Jeff Sonstein, WA2RRB	wa2mzg@arrl.net
Groups.io Moderators	Tim Barrett, K9VB Karl Heinz Kremer, K5KHK	tim.k9vb@gmail.com k5khk@khk.net	RARA Academy	Aaron Rombaut, KE2DYI	academy@rochesterham.org
Hamfest Co-Producers	Tim Guyot, KB1POP Mike Moore, KC2NM	hfproducer@rochesterham.org	RARA RAG Editor	Forest Shick, WA2MZG	editor@rochesterham.org
License Testing Coordinator	Don Kiser, AC2EV	dkiser100@gmail.com	Proof Readers	Susan Aiello, W2SBA Dave Wilson, WA2HOY Mark Pedersen, KC2UES Scott Theis, W2LW	
Media Communications	Tim Guyot, KB1POP	timguyot@gmail.com	Refreshments	Rich Hoffarth, K2AXP	rhoffarth2000@yahoo.com
Meeting Audio	Joe DiVincenzo, AD2DB Scott Czeck, KC1GHT	joedy58@gmail.com scottczeck@gmail.com	Reward Points Administrator	Tim Barrett, K9VB	membership@rochesterham.org
Membership Secretary	Tim Barrett, K9VB	membership@rochesterham.org	Telephone Hotline	Brian O'Connor, KA2CGB	treasurer@rochesterham.org
			Webmaster	Scott Theis, W2LW	webmaster@rochesterham.org

ROCHESTER AREA RADIO CLUB CONTACTS

Amateur Radio Association of the Southern Tier (ARAST)

Reiner Dieg, N2PEZ: n2pez@arri.net

Antique Wireless Association (AWA)

Lynn Bisha, W2BSN: lynnbisha@gmail.com

Astronomy Section Rochester Academy of Science

Tony Golumbeck: astro@use.startmail.com

Community Amateur Radio Club (CARC)

Joe Gangi, AC2NB: ac2nb.carc@gmail.com

Digital Communications Association of Perinton (DCAP) Twitter address

Gary Skuse, KA1NJL: ka1njl@arri.net

Drumlins Amateur Radio Club Ltd. (DARC)

drumlinsarc@gmail.com

Livingston Co Amateur Radio Emergency Services (LCARES)

Bill Boyd, K2DSP: k2dsp@lafireline.net

Keuka Lake Amateur Radio Association (KLARA)

Andrew Jackson, K2CRV: keukalakeara@gmail.com

Monroe County ARES / RACES

Dave Timmons, W2DST: secretary@monroecountymcomm.org

Orleans County Amateur Radio Club (OCARC)

Terry Cook, K2EYS: k2eys@ocarc.us

Rochester Amateur Radio Association (RARA)

Richard Bishopp, KD2UBJ: president@rochesterham.org

ROC City Net

Joe Merolillo, K2ZX: k2zx52@gmail.com

Rochester DX Association (RDXA)

Chris Shalvoy, K2CS: cshalvoy@att.net

Rochester Institute of Technology ARC

Michael Vasile, K2MTV: mtveee@rit.edu

Rochester Radio Repeater Association (RRRA)

Bob Shewell, N2HJD: bshewell@frontiernet.net

Rochester VHF Group (RVHFG)

Jarred Jackson: chairman@rvhfg.org

Skenoh Island Amateur Radio Club (SIARC)

Steve Benton, WB2VMR: sbenton2@rochester.rr.com

XXR Amateur Radio Club

Brian Donovan, K2AS: k2as@outlook.com

Rochester Makerspace

David Duckles: rocmakers@gmail.com

OCTOBER RAG DEADLINE

SEPTEMBER 15, 2025

RARA MEETS AT 7PM ON THE FIRST
WEDNESDAY OF EACH MONTH.

JOIN US IN PERSON

OR

ONLINE AT:

[https://us06web.zoom.us/webinar/register/
WN_IFAbPw42T7Wuuk4z4gzpHQ](https://us06web.zoom.us/webinar/register/WN_IFAbPw42T7Wuuk4z4gzpHQ)

CONTACT WEBMASTER@ROCHESTERHAM.ORG FOR SUPPORT

Rochester Area Repeater Listing

THE RARA RAG

Published by

Rochester Amateur Radio Association, Inc.
P.O. Box 93333, Rochester, NY, 14692-8333

Hotline – (585) 210- 8910

Website – <http://www.rochesterham.org>